

NATIONAL

Alia sees 1981 revenues exceeding JD 100 million

AMMAN, Nov. 2 (Petra) — Alia, the Royal Jordanian Airline, announced today that it expects its revenues for the current year to exceed JD 100 million.

A spokesman for the airline said that Alia had brought in only JD 1 million in 1961, the first year of its operations; but that revenues had increased gradually until the figure reached JD 80 million in 1980.

Meanwhile, the airline announced today that a meeting for the directors of Alia offices in North America and Canada will begin on Nov. 16 in New York. During the two-day meeting, the directors will discuss next year's programmes, and will review financial and administrative reports, the announcement said.

Another announcement from the airline said that Alia flew its first Lockheed L-1011 TriStar trip today. The plane made a flight from Amman to Paris.

NATIONAL NEWS BRIEFS

Bar bureau to meet in Baghdad

AMMAN, Nov. 2 (Petra) — Jordan Bar Association President Sleiman Al Hadidi left this evening for Baghdad to take part in the meetings of the permanent bureau of the Arab Lawyers' Association, which will start tomorrow. During the four-day meetings, the participants will discuss subjects pertaining to the current Arab situation, a decision by the Egyptian regime to dissolve the lawyers' association in Egypt and will prepare the agenda for the Arab Lawyers' Federation's 15th conference, which is scheduled to be held in Amman in the first quarter of 1982.

Wadi Seer draws up voter lists

AMMAN, Nov. 2 (Petra) — A committee entrusted with registering the names of voters for Wadi Seer municipal elections began its duties today. The municipality hallots will be closed to nominations on Nov. 17, prior to the elections in February, which will be the first to be held since the old municipal council was dissolved. The city has been administered by a temporary committee appointed by the government since 1979.

Shammout sees British envoy

AMMAN, Nov. 2 (Petra) — Ministry of Foreign Affairs Secretary General Amer Shammout received today British Ambassador in Amman Alan Urwick. They discussed bilateral British-Jordanian relations and ways to develop them.

Aqaba phosphates tally

AMMAN, Nov. 2 (Petra) — A total of 320,560 tonnes of phosphates were exported via Aqaba during August, Aqaba Port Authority officials said today. They listed the countries that imported the Jordanian phosphates as India, Turkey, Romania, Poland, Japan, Yugoslavia, Italy, France and Indonesia.

Romanians propose joint meeting

AMMAN, Nov. 2 (Petra) — The Ministry of Transport has received a memorandum from the Romanian embassy in Amman, suggesting that the joint Jordanian-Romanian transport committee meet from Nov. 4-6 to discuss the implementation of an agreement between the two countries on the transport and transit of passengers and goods.

Merchants get prison, fines

AMMAN, Nov. 2 (Petra) — The military court has sentenced three merchants to one month in prison, and a fourth to two weeks, and has sentenced another three merchants to pay fines of JD 100, JD 80 and JD 60, all for violations of Ministry of Supply regulations. The military governor today approved the sentences.

Baghdad course preservation documents

AMMAN, Nov. 2 (Petra) — A three-day course in the preservation of documents will begin in Baghdad on Nov. 15. The course is organised by the regional branch of the international council of archivists and the regional centre for preserving the cultural heritage of the Arab states.

The director General of National Archives, Documentation and Archives Ahmad Sharkas said the course, to run for three weeks, will aim at training experts in the preservation of the cultural heritage of important documents and manuscripts.

Jordanian trainees will be sent to Baghdad to attend the course, on a grant from the regional branch of the international council of archivists and the regional centre, Sharkas added.

EU follow-up meeting begins

AMMAN, Nov. 2 (Petra) — A follow-up meeting of a group of deputy permanent representatives of the Council of Economic Unity (CAEU), today at the CAEU general secretariat, CAEU Secretary General Fakhri Qaddouri, said that the participants, said that Arab economic action is a basic pillar of Arab unity.

Arab states and organisations have been able to proceed with the building of a joint Arab economic structure on the basis of important economic resolutions adopted by the 11th Arab Economic Conference, Dr. Qaddouri said.

Participants in the meeting, including Jordan, the United Arab Emirates, Syria, Iraq, Libya and North Yemen, are led by the Iraqi representative as rapporteur for the

Crown Prince visits army HQ



AMMAN, Nov. 2 (Petra) — His Royal Highness Crown Prince Hassan, the Regent, today visited army headquarters and met with Chief of Staff Maj. Gen. Fathi Abu Taleb and his aides. They discussed a number of issues of concern to the armed forces.

U. of Jordan, Mustansiriyeh sign for cooperation



AMMAN, Nov. 2 (Petra) — The University of Jordan and the Iraqi Mustansiriyeh University signed an agreement here today for cooperation in cultural and scientific activities.

Under the agreement, the two universities will exchange information connected with their faculties, their specialisations and the research work they conduct. They will cooperate in conducting scientific research and will encourage joint research projects by faculty members of working for both universities; will exchange publications, hold joint seminars and conferences and exchange student visits, and will hold joint sports activities.

The agreement also provides for assistance to students who wish to travel between the two universities for their higher studies.

The two-year agreement was signed by Dr. Rashid Al Diger, acting president of the University of Jordan, and Dr. Zafer Suleiman, dean of the faculty of medicine at Mustansiriyeh University.

Seminar urges compulsory imposition of car safety belts

By Samira Kawar
Special to the Jordan Times

AMMAN, Nov. 2 — Participants in a three-hour seminar on the use of auto safety belts in Jordan this morning unanimously recommended the imposition of passive restraint to save thousands of lives.

The seminar was held at the Royal Scientific Society (RSS) under the patronage of Prime Minister Mudar Badran, who was represented by Health Minister Zuhair Malhas. About 65 persons representing the Drivers' Association, insurance companies, the Traffic Department and other bodies concerned with lowering the high rate of road accidents in Jordan attended the seminar, which was jointly organised by the Jordan Society for the Prevention of Road Accidents and the RSS Centre for Building Research.

In his short opening speech, RSS President Albert Butros pointed out that the RSS Building Research Centre is concerned with lowering the rate of road accidents by virtue of its interest in road construction issues—both in the strict sense of the word, and in the broader sense. The latter, he said, includes the reduction of road accidents, and of the losses they inflict in terms of human life and, incidentally additional road reconstruction expenses.

Mr. Sami Hahib, speaking on behalf of the Jordan Association for the Prevention of Road Accidents, briefly outlined the association's activities in cooperation with the Ministry of Education and the information media to educate the public on the disastrous consequences of road accidents, and ways to avoid them.

Dr. Malhas stressed the importance of measures to reduce the number of road accidents, and the fatalities and damage they cause. He said that certain government measures and activities of the association for the prevention of road accidents, such as today's seminar, are an outgrowth of His Majesty King Hussein's concern over the high accident rate in Jordan—a concern voiced in the King's letter of designation to the cabinet of Aug. 22, 1980.

Dr. Malhas promised faithfully to convey the recommendations of the seminar concerning the use of safety belts to Prime Minister Mudar Badran.

A working paper on the use of safety belts in cars was read by Dr. Rouhi Al Sharif of the association, noting that the use of safety belts in cars has, since 1980, become mandatory in several countries, including Austria, Belgium, Canada, France and Japan. The paper indicated, however, that the safety belt requirement had generally been gradually reinforced, and accompanied by concentrated educational campaigns through the media. It pointed out that £1 million had been spent in 1977, alone in Britain, to educate drivers and passengers on the necessity of

using safety belts.

The survival rate for children involved in road accidents in Britain is almost 100 per cent, the paper said; but added that in cases where safety belts had not been used, 87 per cent of the children involved in car accidents were injured.

The paper stressed that the use of seat belts has been proven to reduce fatalities in car accidents by 50 per cent. It asserted the necessity of introducing the use of seat belts for car passengers in Jordan. Close cooperation was required, it said, between official and private bodies in the enactment of laws gradually to make the practice compulsory.

Traffic Department Director Ahmad Abu Al Soud and Dr. Ahmad Al Faqih, to give a more vivid picture of the situation, briefed the audience on the high accident rate in Jordan, and the losses in life and property in which it results. According to Col. Abu Al Soud, there were 100 traffic fatalities for every car in Jordan in 1970; and accidents cost the country JD 15.75 million in 1980.

The floor was then open to discussion and comment from the audience, who unanimously agreed on the need to introduce the use of safety seat belts by car passengers in Jordan. A lively debate ensued on how such laws should be enacted; what other measures ought to be taken in conjunction with such legislation; the official and private bodies that should participate in educating the public, and whether the use of safety belts should be made immediately compulsory or should be preceded by an intensive campaign to educate the public. A six-member committee was appointed, comprising Dr. Rouhi Al Sharif, Dr. Ahmad Faqih, Col. Ahmad Abu Al Soud, Mrs. Ophelia Bishouti Mr. Jawad Younis and Dr. Nureddin Alawneh, to formulate the appropriate formal recommendations in the light of the discussion; but the participants in today's meeting were able to agree on the following recommendations.

Medical specialisations council opens meeting; new opportunities urged for medical advancement

AMMAN, Nov. 2 (Petra) — Health Minister Zuhair Malhas today called for the independence of medical institutions in the Arab World.

Addressing the Higher Arab Council for Medical Specialisation's meeting at the Yarmouk University Liaison Office here, Dr. Malhas also called for new opportunities for Arab doctors to attain higher degrees of specialisation.

Addressing the session also was Saudi Arabian Health Minister Hussein Al Jazairi, who pointed

out that the door is now open for launching unified Arab programmes in medical specialisation. He voiced his country's support for the creation of an Arab institution that would award doctors degrees in medical specialisations.

This step, he said, is designed to secure better medical training for Arab physicians and raise their professional standards.

Another speaker was Dr. Madani Al Kheimi, the council's acting secretary general, who said that the Arab Council for Medical Specialisation had opened three centres in Baghdad, Jeddah and Khartoum. He also reviewed the council's achievements, and training courses offered to Arab doctors.

Taking part in the three-day meeting are delegates from Jordan, Iraq, Syria, Kuwait, Saudi Arabia, Qatar, Libya, the United Arab Emirates, Sudan, Bahrain, Tunisia and North Yemen. The delegates will review reports on the meetings of various Arab scientific councils specialised in medical fields, and reports on visits by their committee to hospitals in the Arab World, as a first step towards launching training programmes for personnel in various medical specialisations.

Photo treasures from Holland

These three photos are among a collection donated to the Department of National Libraries, Documentation and Archives by the Dutch documentation centre on Monday. The collection of 128 photos is now housed in the department's Amman headquarters, classified and indexed for use by researchers.



Children in a Damascus orphanage (1925-1926)



The Well of Mary, Nazareth (1909-1910)



General view of Nazareth (1900-1901)

WHAT'S GOING ON

Exhibitions

- * The British Council presents *Painting the Town*, a major exhibition of photographs of murals and other decorations on the interiors and exteriors of British buildings; at the council centre in Jabal Amman.
- * The Alia Art Gallery presents the *Contemporary Masters Exhibition*.

Film

- * The Goethe Institute presents *Ein Komischer Heiliger* (sub-titled in English), at 8 p.m.

International Club of Young Diplomats

- * Holds its second annual general meeting and board elections at the Sheraton Hotel, at 7:30 p.m. All diplomats are welcome.

ACOR lecture

- * The American Centre of Oriental Research presents a public lecture by Dr. David W. McCreery on *Ancient Agriculture in the Dead Sea Region*, at the centre at 6:30 p.m.

Remembrance Day

- * *Remembrance Day Appeal*. Poppies are on sale this week at the British Embassy, International Community School, the Laings Club and the British Council. Remembrance Service will be held at the Church of the Redeemer on Sunday, Nov. 8, at 12 noon.

FEATURES

Shuttle scientists, engineers hope for success

By Walter Froehlich

HOUSTON — Dr. Andrew E. Potter Jr. begins his explanation with an apology for the strange names scientists have attached to the experiments they are placing aboard the second flight of the space shuttle.

Potter, who is the mission scientist for the earth observation experiments aboard the shuttle's second orbital flight being launched November 4, understands how someone who is not a scientist could be confused by names such as Shuttle Multispectral Infra-red Radiometer (Smirr), Feature Identification and Location Experiment (File), or Shuttle Imaging Radar-A (Sir-A).

But for the scientists who designed the shuttle experiments, these are much more than a set of strange names. Some scientists have devoted many years to inventing and testing the machinery now aboard the shuttle, and their professional careers could be strongly affected by the outcome. If their experiment is not carried out properly or not at all on this forthcoming flight, there may be no repeat opportunity. Reservations for experiments on shuttle flights are booked far in advance, and not all flights are suitable for any particular experiment.

Potter considers himself to be a bridge or link between the scientists who designed and built the experiments and the flight man-

agers and engineers who install the equipment and assure that it is used properly.

The flight directors and engineers are fully aware that one of the main purposes of the upcoming flight is to demonstrate and verify that the shuttle can be properly positioned for earth observations and that it is otherwise able to carry out these experiments.

Yet, technical flight managers, by the nature of other jobs and training, are primarily concerned with safely getting the crew and craft up into orbit and back down to earth. Their second priority is to obtain as much information as possible about the shuttle's flight characteristics such as its responses to controls in flight when travelling several times as fast as sound and when travelling below the speed of sound.

Several dozen monitoring instruments are on board to collect and record this flight characteristic information.

From his headquarters at the far end of the Houston Space Centre, Potter negotiates and tries to find a reasonable middle ground so that the scientific experiments are accepted and the flight managers do not feel overburdened with what may seem to them extraneous tasks.

Potter's office is in a somewhat remote and isolated part of the space centre, but he is very much in the middle of planning on which depends some of the most val-

uable aspects of the shuttle programme.

Potter's concerns in the upcoming flight are seven experiments which are collectively known as Osta-1. The letters stand for the Office of Space and Terrestrial Applications, which is part of the U.S. National Aeronautics and Space Administration (NASA). Other sets of experiments for later shuttle flights will be designated Osta-2 and Osta-3.

Because five of these experiments require that the Osta-1 instruments have an unobstructed view of the earth, for nearly all of its five days in orbit, the shuttle will fly upside down with its cargo bay doors swung wide open.

Six of the experiments are either "passive," meaning they require no attention at all during the flight, or are automated so that no work is required by the flight crew other than to turn them on and off.

The only experiment dependent entirely on the flight crew is the Night/Day Optical Survey of Lightning (NOSL). With a specially designed motion picture camera, the astronauts will take pictures of lightning in thunderstorms.

Many lightning flashes extend high up into the atmosphere where they cannot be recorded even by high-flying planes. Scientists believe charting these flashes may help them to better understand certain weather conditions. The camera is equipped with earphones that crackle when activated by electronic eyes to alert the astronauts to lightning far below.

Also in the forward cabin near the astronauts is stored a suitcase-like container holding 82 small sun flowers, each in a tiny pot. Before launch each pot will receive a different amount of water. After return from orbit each flower will be photographed and examined.

Experience has shown that water tends to concentrate around roots in weightlessness instead of draining as it does on earth. Plants in space often drown. Scientists are aiming to learn the right quan-

The space shuttle tank undergoes testing

ity of water and the best growing conditions for later follow-up experiments and also for the far-off time when astronauts will perhaps grow their own food on long flights.

The most important of the five Osta-1 experiments mounted in the cargo bay is Sir-A, mentioned earlier. It is a side-looking radar system which, when its images are studied together with the straight-down pictures of the automated Landsat system, can give valuable clues to mineral and oil deposits. The Sir-A's resolution is insufficient to pick up vehicles or small buildings or persons, but is designed especially for geological features such as faults.

Complementing Sir-A is Smirr, also mentioned earlier, which is an experiment for finding out which frequencies are best suited for determining the makeup of rocks from space through analysis of their sunlight reflection. The lessons from this experiment that lead to automated sensors for mapping rock formations for geological and mineral explorations.

Both of these systems represent ways of looking at the earth as it

has never before been examined.

The File experiment, also mentioned earlier, is a test of automated sensors that may be able to tell on the basis of sunlight reflection whether a satellite is looking at vegetation, bare ground, snow or clouds. If such automatic distinction is possible, similar sensors would possibly in the future be built into earth observation satellites to turn them on or off depending on the scene below and the satellite's purposes.

The other two Osta-1 experiments are known as MAPS (for measurement of air pollution from satellites) which traces carbon monoxide and its distribution and travel in the atmosphere around the globe, and OCE (for ocean colour experiment), which identifies concentrations of algae in the water.

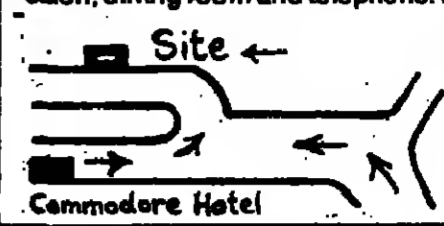
Algae concentrations usually coincide with the presence of fish. Detection of green algae by satellites could help the fishing industry.

Potter foresees that these experiments — notwithstanding their odd names and acronyms — will provide a solid base for establishing some of the shuttle's experimental capabilities and for designing sophisticated orbital earth observation systems in the future.

Potter has had considerable experience in this area. He was in charge of assessing the performance of the earth resource sensors flown on Skylab in the early 1970's and was responsible for developing agricultural crop surveys from space with Landsat in the mid 1970's.

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JUMBLE THAT SCRAMBLED WORD GAME
by Henri Arnold and Bob Lee

Unscramble these four Jumbles, one letter to each square, to form four ordinary words.

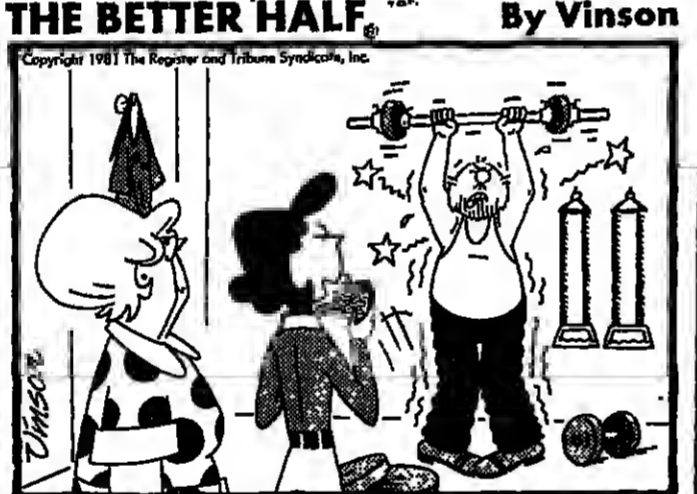
AMELY
YARIF
NUTTOB
MARIED

Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

Answer here: "○○○-○○-○○○○○?"
(Answers Monday)

Yesterday's Jumbles: MIRTH LIMIT DABBLE SHAKEN
Answer: What buying a suit for him was — NO SMALL MATTER

THE BETTER HALF By Vinson
Copyright 1981 The Register and Tribune Syndicate, Inc.



"I thought I saw something ripple, but I'm not too sure it was a muscle."

Peanuts

THIS IS RIDICULOUS! I'VE WASTED ALL THIS TIME SITTING HERE IN A PUMPKIN PATCH!

I TOLD YOU THERE'S NO "GREAT PUMPKIN"!

WHAT AM I GOING TO DO THE REST OF THE EVENING?

"AIMERIEZ-VOUS ALLER D'ANSER?" WOULD YOU LIKE TO GO DANCING?

Mutt 'n' Jeff

JEFF OPEN THE DOOR! I CAN'T!

WHY NOT?

IT'S LOCKED!

WELL, UNLOCK IT!

CAN'T! I HAVE NO KEY!

WHAT WILL YOU DO IF THERE'S A FIRE?

WELL, I GUESS I CAN'T GO!

Andy Capp

I KNEW I'D BEAT YOU ONE OF THESE DAYS!

BILLIARDS ROOM

WELL, DONE, PERCY.

HOW DID IT APPEN? WHY DID IT APPEN?!

SOME DAY I'LL FIGURE OUT 'OW AND WHY — BUT BY THEN I'LL BE DENYIN' THAT IT DID APPEN

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FORECAST FOR TUESDAY, NOV. 3 1981

YOUR DAILY Horoscope
from the Carroll Righter Institute

GENERAL TENDENCIES: Changing planetary positions make it possible to expand your activities and gain added benefits at this time. Take positive steps to overcome obstacles in your path.

ARIES (Mar. 21 to Apr. 19) Use caution in handling confidential matters and avoid trouble. Listen to what serious advisers have to suggest.

TAURUS (Apr. 20 to May 20) Be more thoughtful instead of forceful with your friends and gain their respect. Don't trust your intuition at this time.

GEMINI (May 21 to June 21) Make sure your civic affairs are well handled. Take extra steps and improve your your image. Avoid a troublemaker.

MOON CHILDREN (June 22 to July 21) Be sure to act in a conservative fashion at this time for best results. Handle business affairs wisely.

LEO (July 22 to Aug. 21) Handle personal duties in a most precise way and gain added goodwill. Strive for more harmony with family members.

VIRGO (Aug. 22 to Sept. 22) Don't do anything that could irk an associate. Forget fun for now and spend more time on important financial matters.

LIBRA (Sept. 23 to Oct. 22) Try to make your environment more comfortable and improve the quality of your life. Sidestep an opponent.

SCORPIO (Oct. 23 to Nov. 21) Engage in a new outlet during spare time that will bring you relief from worry. Know where you are headed.

SAGITTARIUS (Nov. 22 to Dec. 21) Make sure you carry through with agreements made with family members. Make the future more productive.

CAPRICORN (Dec. 22 to Jan. 20) Confer with allies and make the future brighter. Obtain important data you need from the right sources.

AQUARIUS (Jan. 21 to Feb. 19) Financial matters are vitally important now, so attend to them and know your true position. Relax at home tonight.

PISCES (Feb. 20 to Mar. 20) You have to make definite plans to get what you desire of a personal nature, since it does not come easily. Be happy.

IF YOUR CHILD IS BORN TODAY... he or she will be one of those clever young persons who will understand what others are up to and what motivates them, so be sure to give a fine education and the talent can be used to best advantage. Don't neglect ethical training.

"The Stars impel, they do not compel." What you make of your life is largely up to you!

THE Daily Crossword By CF Murray

ACROSS
1 Working group
5 Strategy game
10 Men-only affair
14 Medley
15 Shaping tool
16 Cultivate
17 Rancor
18 Here and there
19 — Ben Adhem
20 Solzhenitsyn work, for short
23 State

DOWN
24 Pithy
25 News bit
27 Loathe
30 Short-billed rail
31 Fraud
33 — In the hole
36 William Gibson play
39 Devour
40 Evident
41 Climbing plant
42 Mentioned
43 Sanction
44 Oak fruit
47 Food dish

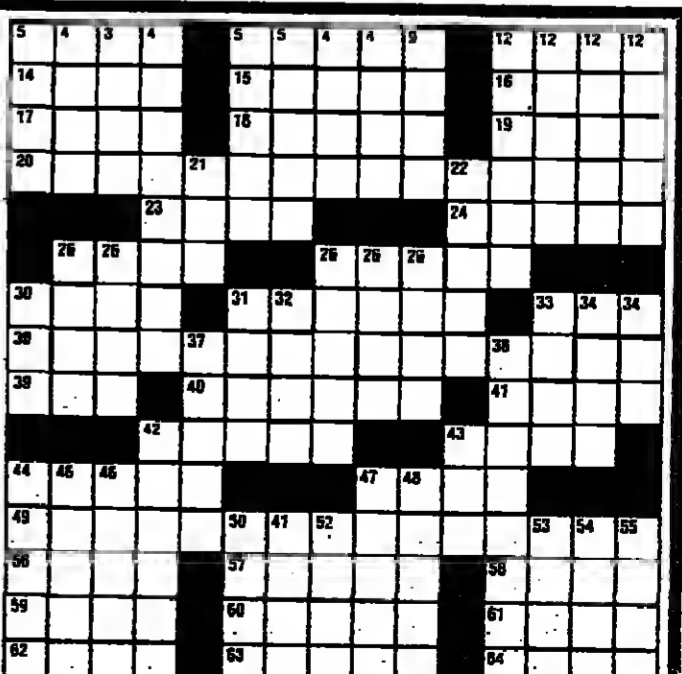
49 Dumas' group
56 Gymnast Korbut
57 Up-front monies
58 Substantive
59 Topsoil
60 Pig pens
61 Malacca
62 Camera need
63 Rich cake
64 Graffiti: her.

DOWN
1 — dancer
2 Aida
3 "Death on the —"
4 Gilding material
5 Potter's needs
6 Garb
7 Harrow's rival
8 Close
9 Adam's son
10 Less fresh
11 Leg bone
12 On high
13 Mucilaginous
21 Target
22 Act the ham
25 Hawkeye state

26 Fox or dog
27 Suffered
28 Existed
29 The past: abbr.
30 Holy one: abbr.
31 Euphemism
32 Diminutive suffix
33 China etc.
34 Argot
35 Woolly one
37 Suppose
38 DA's need
42 Lambastes
43 Obese
44 Corel island
45 "Daphnia and —"
46 Heart or kidney
47 Trapshoot- ing
48 Author Hermann
50 Forest nuts for animal food
51 "Do — others..."
52 Fuss
53 Relating to the dawn
54 Litter's smallest
55 Snicker —

Yesterday's Puzzle Solved:

COLOPS CLOUD FLUBB
FUSIDE HOPPI LIXIA
DELTA APER EIDER
ABOJUES NETWORK
PILLES CILI
SPIRANG ATTENDED
CIBAB MOLE STALLE
BIBID WREED DULLY
ASIDIO BRENID FETITE
MARDATOR BATTER
ERIC SCALIA
FLIBRETS ELECTED
LIDIO ANIL PIEELLE
LOISE LOIRE FISIERE
BEIST SWAB OITIEW



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July is lit

